

Prestressed Cheatsheet

The producer/supplier tests the component materials for the completed contract item; TDOT does not enter these tests in SiteManager LIMS, but does complete form DT-0283 and the producer/supplier stores the results.

FIELD - M&T Inspector performs tests on the finished contract item and enters the results into SiteManager software's LIMS module using the 'M022 - Recap of Prestressed Concrete Members' test method (modeled after the paper form DT-0289 for component materials and tests performed on the completed contract item).

FIELD – M&T Inspector prints the M022 test results and includes with the shipment. FIELD – Operations Inspector receives this with shipment.

Proposed Process

FIELD - M&T Inspector at pre-stress plant continues current procedures for component testing of materials that make up pre-stressed contract items.

When it is time to ship completed pre-stress item, FIELD - M&T Inspector opens the Maintain Sample Information window to create a sample record.

On the main panel:

Sample type, acceptance method= **acceptance/acceptance**

Material code: enter **615** in material code field, **right click** and select **filter search**, select correct material from filtered list

NOTE: A sample will need to be created for each different type of prestressed material

P/S = select appropriate Producer

To associate the sample to the contract:

1. On the Maintain Sample Information window's **Contract** panel, select contract and item code(s).
2. In the **Represented Quantity** field, enter the quantity test template data will represent. This will be the only time M&T will fill in a representative quantity on the Contract tab.

Next assign the 'M022 - Recap of Prestressed Concrete Members' test method. Then, in the Enter Test Results window of LIMS, enter and save the data.

NOTE: If material is stockpiled at plant and partial payment is requested, Select check box for stockpiled on test template. You will then either email sample ID to Operations field office or print test template and send. Do not review test till you are ready to authorize material for full payment.

In order for full payment to be made, sample must be "Authorized". Marking the test "Review Complete" and saving will make it authorized.

Currently there is no report identified. The acceptance of the completed material is documented in SM listing contract items and represented quantities. Do we really need to generate a paper report?

Copies of the current report are sent by the inspector to HQ and Regional M&T along with the Project Supervisor. Since the sample will be tied to the contract items those copies may not need to be sent.